

# Permit to Operate

**FACILITY:** N-3941

**EXPIRATION DATE:** 05/31/200

**LEGAL OWNER OR OPERATOR:** MALIBU BOATS WEST INC

**MAILING ADDRESS:** ONE MALIBU COURT  
MERCED, CA 95340

**FACILITY LOCATION:** ONE MALIBU COURT  
MERCED, CA

**FACILITY DESCRIPTION:** FIBERGLASS BOAT MANUFACTURING

The Facility to Operate may include Facility-wide Requirements as well as requirements that apply to specific permit units.

The Permit to Operate remains valid through the permit expiration date listed above, subject to payment of annual permit fees and compliance with permit conditions and all applicable local, state, and federal regulations. This permit is valid only at the location specified above, and becomes void upon any transfer of ownership or location. Any modification of the equipment or operation, as defined in District Rule 2201, will require prior District approval. This permit shall be posted as prescribed in District Rule 2010.

**DAVID L. CROW**

Executive Director / APCO

**Seyed Sadredin**

Director of Permit Services

**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-3941-0-1

**EXPIRATION DATE:** 05/31/2004

**EQUIPMENT DESCRIPTION:**

## **PERMIT UNIT REQUIREMENTS**

1. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)]
2. The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)]
3. The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0]
4. Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020 (7/21/94). [District Rule 2010, 3.0 and 4.0; 2020; and County Rule 201 (in all eight counties in the San Joaquin Valley)]
5. The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.9.1 and 9.13.1]
6. A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031]
7. Every application for a permit required under Rule 2010 (12/17/92) (Permits Required) shall be filed in a manner and form prescribed by the District. [District Rule 2040]
8. The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.5.1]
9. The operator shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, or report. Support information includes copies of all reports required by the permit and, for continuous monitoring instrumentation, all calibration and maintenance records and all original strip-chart recordings. [District Rule 2520, 9.5.2]
10. The operator shall submit reports of any required monitoring at least every six months unless a different frequency is required by an applicable requirement. All instances of deviations from permit requirements must be clearly identified in such reports. [District Rule 2520, 9.6.1]
11. Deviations from permit conditions must be promptly reported, including deviations attributable to upset conditions, as defined in the permit. For the purpose of this condition, promptly means as soon as reasonably possible, but no later than 10 days after detection. The report shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All required reports must be certified by a responsible official consistent with section 10.0 of District Rule 2520(6/15/95) [District Rules 2520, 9.6.2 and 1100, 7.0]
12. If for any reason a permit requirement or condition is being challenged for its constitutionality or validity by a court of competent jurisdiction, the outcome of such challenge shall not affect or invalidate the remainder of the conditions or requirements in that permit. [District Rule 2520, 9.8]
13. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. [District Rule 2520, 9.9.2]

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14. The permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [District Rule 2520, 9.9.3]
15. The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520, 9.9.4]
16. The Permittee shall furnish to the District, within a reasonable time, any information that the District may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the District copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to EPA along with a claim of confidentiality. [District Rule 2520, 9.9.5]
17. The permittee shall pay annual permit fees and other applicable fees as prescribed in Regulation III of the District Rules and Regulations. [District Rule 2520, 9.10]
18. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 2520, 9.14.2.1]
19. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 2520, 9.14.2.2]
20. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to inspect at reasonable times any facilities, equipment, practices, or operations regulated or required under the permit. [District Rule 2520, 9.14.2.3]
21. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [District Rule 2520, 9.14.2.4]
22. No air contaminants shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker than Ringelmann #1 or equivalent to 20% opacity and greater, unless specifically exempted by District Rule 4101 (12/17/92), by using EPA method 9. If the equipment or operation is subject to a more stringent visible emission standard as prescribed in a permit condition, the more stringent visible emission limit shall supersede this condition. [District Rule 4101, and County Rules 401 (in all eight counties in the San Joaquin Valley)]
23. No person shall supply, sell, solicit or apply any architectural coating, except specialty coatings, that contains more than 250 grams of VOC per liter of coating (less water and exempt compounds, and excluding any colorant added to tint bases), or manufacture, blend, or repackage such coating with more than 250 grams of VOC per liter (less water and exempt compounds, and excluding any colorant added to tint bases) for use within the District. [District Rule 4601, 5.1]
24. No person shall apply, sell, solicit, or offer for sale any specialty architectural coating listed in the Table of Standards (District Rule 4601, Table 1 (12/17/92)), nor manufacture, blend, or repackage such coating for use within the District, which contains VOCs (less water and exempt compounds, excluding any colorant added to tint bases) in excess of the specified limits listed in Table 1 of Rule 4601 (12/17/92). [District Rule 4601, 5.2]
25. All VOC-containing materials shall be stored in closed containers when not in use. In use includes, but is not limited to: being accessed, filled, emptied, maintained or repaired. [District Rule 4601, 5.4]
26. A person shall not use VOCs for the cleanup of spray equipment unless equipment for collection of the cleaning compounds and minimizing its evaporation to the atmosphere is used. [District Rule 4601, 5.5]
27. The permittee shall comply with all the Labeling and Test Methods requirements outlined in Rule 4601 sections 6.1 and 6.2 (12/17/92). [District Rule 4601, 6.1 and 6.2]
28. With each report or document submitted under a permit requirement or a request for information by the District or EPA, the permittee shall include a certification of truth, accuracy, and completeness by a responsible official. [District Rule 2520, 9.14.1 and 10.0]
29. If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR Part 82, Subpart F. [40 CFR 82 Subpart F]
30. If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR Part 82, Subpart B. [40 CFR Part 82, Subpart B]
31. Disturbances of soil related to any construction, demolition, excavation, extraction, or water mining activities shall comply with the requirements for fugitive dust control in SJVUAPCD District Rule 8020 (4/25/96) unless specifically exempted under section 4 of Rule 8020 (4/25/96). [District Rule 8020]
32. Outdoor handling and storage of any bulk material which emits dust shall comply with the requirements of SJVUAPCD Rule 8030 (4/25/96), unless specifically exempted under section 4 of Rule 8030 (4/25/96). [District Rule 8030]

## Initial TV Permit

33. Any paved road over 3 miles in length, and any unpaved roads over half a mile in length, constructed after December 10, 1993 shall use the design criteria and dust control measures of, and comply with the administrative requirements of, SJVUAPCD Rule 8060 (4/25/96) unless specifically exempted under section 4 of Rule 8060 (4/25/96). [District Rule 8060]
34. Any owner or operator of a demolition or renovation activity, as defined in 40 CFR 61.141, shall comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40 CFR 61.145 (Standard for Demolition and Renovation). [40 CFR 61 Subpart M]
35. The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.17]
36. The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2]
37. When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permit shall apply. [District Rule 2520, 9.1.1]
38. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following outdated SIP requirements: Rule 401 (Madera, Fresno, Kern, Kings, San Joaquin, Stanislaus, Tulare and Merced), Rule 110 (Fresno, Stanislaus, San Joaquin), Rule 109 (Merced), Rule 113 (Madera), Rule 111 (Kern, Tulare, Kings), Rules 201, 202, 203, 204, 208, and 209 (Fresno, Kern, Tulare, Kings, Madera, Stanislaus, Merced, San Joaquin), Rule 410.1 (Kern), and Rule 423 (Kern, Fresno, Stanislaus, San Joaquin). A permit shield is granted from these requirements. [District Rule 2520, 13.2]
39. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements: SJVUAPCD Rules 1100, sections 6.1 and 7.0 (12/17/92); 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (12/17/92); 4601, sections 5.1, 5.2, 5.4, 5.5, 6.1, and 6.2 (12/17/92); 8020 (4/25/96); 8030 (4/25/96); 8060 (4/25/96); A permit shield is granted from these requirements. [District Rule 2520, 13.2]
40. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
41. On April 28, 2000, the initial Title V permit was issued. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report are based upon this initial permit issuance date, unless alternative dates are approved by the District Compliance Division. These reports are due within 30 days of the end of the reporting period. [District Rule 2520], [Federally Enforceable Through Title V]

**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-3941-1-1

**EXPIRATION DATE:** 05/31/2004

**EQUIPMENT DESCRIPTION:**

GEL COAT SPRAY BOOTH SERVED BY A 3 HP FAN AND EXHAUST FILTERS.

**PERMIT UNIT REQUIREMENTS**

1. The Volatile Organic Compound (VOC) content of all polyester resin materials and all cleaning materials shall not exceed the limits specified in Rule 4684.(Adopted May 19, 1994) [District Rule 4684], [Federally Enforceable Through Title V]
2. Closed containers shall be used to store all polyester resin materials, cleaning materials, or other VOC containing materials except when accessed for use. [District Rule 4684, 5.3.1], [Federally Enforceable Through Title V]
3. Self-closing containers shall be used for the disposal of all uncured polyester resin materials, cleaning materials, or any unused VOC containing materials in such a manner as to effectively control VOC emissions. [District Rule 4684, 5.3.2], [Federally Enforceable Through Title V]
4. Only HVLP, electrostatic, airless, or air assisted airless application equipment shall be used, and the application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rule 4684, 5.1.2], [Federally Enforceable Through Title V]
5. Exhaust fans shall be switched on prior to the start of the gel coat operation. [District NSR Rule], [Federally Enforceable Through Title V]
6. The combined VOC emissions from the equipment operating under permits N-3941-1, N-3941-2 and N-3941-3 shall not exceed 250 pounds in any one day. [District NSR Rule], [Federally Enforceable Through Title V]
7. The combined PM10 emissions from the equipment operating under permits N-3941-1 and N-3941-2 shall not exceed 15.8 pounds in any one day. [District NSR Rule], [Federally Enforceable Through Title V]
8. Records shall be kept in accordance with the requirements of Rule 4684.(Adopted May 19, 1994) [District Rule 4684], [Federally Enforceable Through Title V]
9. A daily record of the combined VOC emissions from the equipment operating under permits N-3941-1, N-3941-2, and N-3941-3 shall be maintained on the premises at all times. [District Rule 1070], [Federally Enforceable Through Title V]
10. All records shall be retained for a minimum of 5 years, and shall be made available for District inspection upon request. [District Rule 1070], [Federally Enforceable Through Title V]
11. The particulate matter emissions from the stack of the paint spray booth shall not exceed 0.1 gr/dscf [District Rule 4201], [Federally Enforceable Through Title V]
12. Low VOC gel coats shall be used. The monomer content of gel coat shall not exceed 35% by weight. [District Rule 4684, 5.1.1.1], [Federally Enforceable Through Title V]
13. Daily records of the type and quantity of all resins, catalysts, and cleaning materials used in each operation shall be maintained. Records shall include the VOC content of all polyester resin materials (%weight) and cleaning materials (pounds/gallon) stored or used at the facility. [District Rule 4684, 6.1.1.1 and 6.1.1.2 and 6.1.1.3], [Federally Enforceable Through Title V]
14. Cleaning materials containing more than 1.7 pounds of VOC per gallon shall not be used in polyester resin operations except: in enclosed equipment cleaner; or to clean molds, spray equipment or other dispensing equipment tools used in gel coat or specialty resin operations that come in direct contact with polyester resin products, provided that the usage of cleaning materials does not exceed 4 gallons per day. [District Rule 4684, 5.2], [Federally Enforceable Through Title V]
15. The monomer content of uncatalyzed resin materials is to be determined using ASTM D2369-87 (Standard Test Method for Volatile Content of Coatings) of SCAQMD Test Method 312. [District Rule 4684, 6.2.3], [Federally Enforceable Through Title V]
16. The VOC content of cleaning materials shall be determined using EPA Method 24 (40 CFR Part 60, Appendix A). [District Rule 4684, 6.2.4], [Federally Enforceable Through Title V]
17. Exhaust filters shall be inspected at least quarterly when the unit is not in operation for tears, scuffs, abrasions or holes which may interfere with the PM collection efficiency and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
18. Records of filter maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

## **Initial TV Permit**

19. Daily emissions shall be calculated in accordance with the April 7, 1999, document, "Technical Discussion of the Unified Emission Factors for Open Molding of Composites" by the Composites Fabricators Association. [District Rule 2520], [Federally Enforceable Through Title V]

**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-3941-2-1

**EXPIRATION DATE:** 05/31/2004

**EQUIPMENT DESCRIPTION:**

GEL COAT SPRAY BOOTH SERVED BY A 3 HP FAN AND EXHAUST FILTERS.

## **PERMIT UNIT REQUIREMENTS**

1. The Volatile Organic Compound (VOC) content of all polyester resin materials and all cleaning materials shall not exceed the limits specified in Rule 4684.(Adopted May 19, 1994) [District Rule 4684], [Federally Enforceable Through Title V]
2. Closed containers shall be used to store all polyester resin materials, cleaning materials, or other VOC containing materials except when accessed for use. [District Rule 4684, 5.3.1], [Federally Enforceable Through Title V]
3. Self-closing containers shall be used for the disposal of all uncured polyester resin materials, cleaning materials, or any unused VOC containing materials in such a manner as to effectively control VOC emissions. [District Rule 4684, 5.3.2], [Federally Enforceable Through Title V]
4. Only HVLP, electrostatic, airless, or air assisted airless application equipment shall be used, and the application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rule 4684, 5.1.2], [Federally Enforceable Through Title V]
5. Exhaust fans shall be switched on prior to the start of the gel coat operation. [District NSR Rule], [Federally Enforceable Through Title V]
6. The combined VOC emissions from the equipment operating under permits N-3941-1, N-3941-2 and N-3941-3 shall not exceed 250 pounds in any one day. [District NSR Rule], [Federally Enforceable Through Title V]
7. The combined PM10 emissions from the equipment operating under permits N-3941-1 and N-3941-2 shall not exceed 15.8 pounds in any one day. [District NSR Rule], [Federally Enforceable Through Title V]
8. Records shall be kept in accordance with the requirements of Rule 4684.(Adopted May 19, 1994) [District Rule 4684], [Federally Enforceable Through Title V]
9. A daily record of the combined VOC emissions from the equipment operating under permits N-3941-1, N-3941-2, and N-3941-3 shall be maintained on the premises at all times. [District Rule 1070], [Federally Enforceable Through Title V]
10. All records shall be retained for a minimum of 5 years, and shall be made available for District inspection upon request. [District Rule 1070], [Federally Enforceable Through Title V]
11. The particulate matter emissions from the stack of the paint spray booth shall not exceed 0.1 gr/dscf [District Rule 4201], [Federally Enforceable Through Title V]
12. Low VOC gel coats shall be used. The monomer content of gel coat shall not exceed 35% by weight. [District Rule 4684, 5.1.1.1], [Federally Enforceable Through Title V]
13. Daily records of the type and quantity of all resins, catalysts, and cleaning materials used in each operation shall be maintained. Records shall include the VOC content of all polyester resin materials (%weight) and cleaning materials (pounds/gallon) stored or used at the facility. [District Rule 4684, 6.1.1.1 and 6.1.1.2 and 6.1.1.3], [Federally Enforceable Through Title V]
14. Cleaning materials containing more than 1.7 pounds of VOC per gallon shall not be used in polyester resin operations except: in enclosed equipment cleaner; or to clean molds, spray equipment or other dispensing equipment tools used in gel coat or specialty resin operations that come in direct contact with polyester resin products, provided that the usage of cleaning materials does not exceed 4 gallons per day. [District Rule 4684, 5.2], [Federally Enforceable Through Title V]
15. The monomer content of uncatalyzed resin materials is to be determined using ASTM D2369-87 (Standard Test Method for Volatile Content of Coatings) of SCAQMD Test Method 312. [District Rule 4684, 6.2.3], [Federally Enforceable Through Title V]
16. The VOC content of cleaning materials shall be determined using EPA Method 24 (40 CFR Part 60, Appendix A). [District Rule 4684, 6.2.4], [Federally Enforceable Through Title V]
17. Exhaust filters shall be inspected at least quarterly when the unit is not in operation for tears, scuffs, abrasions or holes which may interfere with the PM collection efficiency and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
18. Records of filter maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

## **Initial TV Permit**

19. Daily emissions shall be calculated in accordance with the April 7, 1999, document, "Technical Discussion of the Unified Emission Factors for Open Molding of Composites" by the Composites Fabricators Association. [District Rule 2520], [Federally Enforceable Through Title V]



**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-3941-3-1

**EXPIRATION DATE:** 05/31/2004

**EQUIPMENT DESCRIPTION:**

POLYESTER RESIN AND ADHESIVE APPLICATION OPERATIONS SERVED BY AN AIR FILTRATION SYSTEM WITH DRY FILTERS.

## **PERMIT UNIT REQUIREMENTS**

1. The Volatile Organic Compound (VOC) content of all polyester resin materials and all cleaning materials used as a part of the polyester resin operation shall not exceed the limits specified in Rule 4684.(Adopted May 19, 1994) [District Rule 4684], [Federally Enforceable Through Title V]
2. The Volatile Organic Compound (VOC) content of all adhesive materials and all cleaning materials used as a part of the adhesive application operation shall not exceed the limits specified in Rule 4653.(Amended March 19, 1998) [District Rule 4653]
3. Closed containers shall be used to store all polyester resin materials, all adhesive products, cleaning materials, or other VOC containing materials except when accessed for use. [District Rules 4653 and 4684], [Federally Enforceable Through Title V]
4. Self-closing containers shall be used for the disposal of all uncured polyester resin materials, all adhesive products, cleaning materials, or any unused VOC containing materials in such a manner as to effectively control VOC emissions. [District Rules 4653 and 4684], [Federally Enforceable Through Title V]
5. Only HVLP, electrostatic, airless, or air assisted airless application equipment shall be used, and the application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rules 4653 and 4684], [Federally Enforceable Through Title V]
6. The combined VOC emissions from the equipment operating under permits N-3941-1, N-3941-2 and N-3941-3 shall not exceed 250 pounds in any one day. [District NSR Rule], [Federally Enforceable Through Title V]
7. Records shall be kept in accordance with the requirements of Rules 4653 and 4684.(Amended March 19, 1998 and Adopted May 19, 1994) [District Rules 4653 and 4684], [Federally Enforceable Through Title V]
8. A daily record of the combined VOC emissions from the equipment operating under permits N-3941-1, N-3941-2, and N-3941-3 shall be maintained on the premises at all times. [District Rule 1070], [Federally Enforceable Through Title V]
9. All records shall be retained for a minimum of 5 years, and shall be made available for District inspection upon request. [District Rule 1070], [Federally Enforceable Through Title V]
10. Low VOC resins, except for specialty resins and gel coats, contain no more than 35% monomer by weight. [District Rule 4684, 5.1.1], [Federally Enforceable Through Title V]
11. Daily records of the type and quantity of all resins, catalysts, and cleaning materials used in each operation shall be maintained. Records shall include the VOC content of all polyester resin materials (%weight) and cleaning materials (pounds/gallon) stored or used at the facility. [District Rule 4684, 6.1.1.1, 6.1.1.2 and 6.1.1.3], [Federally Enforceable Through Title V]
12. Solvents used for surface preparation in adhesive operations shall not contain more than 250 grams of per liter of material. [District Rule 4653, 5.2.1]
13. Cleaning materials containing more than 1.7 pounds of VOC per gallon shall not be used in polyester resin operations except: in enclosed equipment cleaner; or to clean molds, spray equipment or other dispensing equipment tools used in gel coat or specialty resin operations that come in direct contact with polyester resin products, provided that the usage of cleaning materials does not exceed 4 gallons per day. [District Rule 4684, 5.2], [Federally Enforceable Through Title V]
14. The monomer content of uncatalyzed resin materials is to be determined using ASTM D2369-87 (Standard Test Method for Volatile Content of Coatings) or SCAQMD Test Method 312. [District Rule 4684, 6.2.3], [Federally Enforceable Through Title V]
15. The VOC content of cleaning materials shall be determined using EPA Method 24 (40 CFR Part 60, Appendix A). [District Rule 4684, 6.2.4], [Federally Enforceable Through Title V]
16. The VOC and solids content of adhesive products and solvents shall be determined using EPA Method 24 or other test method approved by ARB and EPA. [District Rule 4653, 6.3.2]
17. Exhaust fans shall be switched on prior to the start of the gel coat operation. [District NSR Rule], [Federally Enforceable Through Title V]

## **Initial TV Permit**

18. The particulate matter emissions from the stack of the paint spray booth shall not exceed 0.1 gr/dscf [District Rule 4201], [Federally Enforceable Through Title V]
19. Exhaust filters shall be inspected at least quarterly when the unit is not in operation for tears, scuffs, abrasions or holes which may interfere with the PM collection efficiency and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
20. Records of filter maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
21. Daily emissions shall be calculated in accordance with the April 7, 1999, document, "Technical Discussion of the Unified Emission Factors for Open Molding of Composites" by the Composites Fabricators Association. [District Rule 2520], [Federally Enforceable Through Title V]

**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-3941-4-1

**EXPIRATION DATE:** 05/31/2004

**EQUIPMENT DESCRIPTION:**

GELCOAT OPERATION SERVED BY A SPRAY BOOTH AND A GEL COAT GUN.

## **PERMIT UNIT REQUIREMENTS**

1. The particulate matter emissions from the stack of the paint spray booth shall not exceed 0.1 gr/dscf [District Rule 4201], [Federally Enforceable Through Title V]
2. The Volatile Organic Compound (VOC) content of all polyester resin materials and all cleaning materials shall not exceed the limits specified in Rule 4684.(Adopted May 19, 1994) [District Rule 4684], [Federally Enforceable Through Title V]
3. Closed containers shall be used to store all polyester resin materials, cleaning materials, or other VOC containing materials except when accessed for use. [District Rule 4684], [Federally Enforceable Through Title V]
4. Self-closing containers shall be used for the disposal of all uncured polyester resin materials, cleaning materials, or any unused VOC containing materials in such a manner as to effectively control VOC emissions. [District Rule 4684], [Federally Enforceable Through Title V]
5. Only HVLP, electrostatic, airless, or air assisted airless application equipment shall be used, and the application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rule 4684], [Federally Enforceable Through Title V]
6. Exhaust fans shall be switched on prior to the start of the gel coat operation. [District NSR Rule], [Federally Enforceable Through Title V]
7. The VOC emissions shall not exceed 100 pounds in any one day. [District NSR Rule], [Federally Enforceable Through Title V]
8. The PM10 emissions shall not exceed 6.3 pounds in any one day. [District NSR Rule], [Federally Enforceable Through Title V]
9. The combined VOC emissions from the equipment operating under permits N-3941-4 and N-3941-5 shall not exceed 54,750 pounds in any calendar year. [District NSR Rule], [Federally Enforceable Through Title V]
10. Records shall be kept in accordance with the requirements of Rule 4684.(Adopted May 19, 1994) [District Rule 4684], [Federally Enforceable Through Title V]
11. A daily record of the VOC emissions shall be maintained on the premises at all times. [District Rule 1070], [Federally Enforceable Through Title V]
12. A cumulative record of the annual VOC emissions from the equipment operating under permits N-3941-4 and N-3941-5 shall be updated daily and maintained on the premises at all times. [District Rule 1070], [Federally Enforceable Through Title V]
13. All records shall be retained for a minimum of 5 years, and shall be made available for District inspection upon request. [District Rule 1070], [Federally Enforceable Through Title V]
14. Low VOC gel coats shall be used. The monomer content of gel coat shall not exceed 35% by weight. [District Rule 4684, 5.1.1.1], [Federally Enforceable Through Title V]
15. Cleaning materials containing more than 1.7 pounds of VOC per gallon shall not be used in polyester resin operations except: in enclosed equipment cleaner; or to clean molds, spray equipment or other dispensing equipment tools used in gel coat or specialty resin operations that come in direct contact with polyester resin products, provided that the usage of cleaning materials does not exceed 4 gallons per day. [District Rule 4684, 5.2], [Federally Enforceable Through Title V]
16. Daily records of the type and quantity of all resins, catalysts, and cleaning materials used in each operation shall be maintained. Records shall include the VOC content of all polyester resin materials (%weight) and cleaning materials (pounds/gallon) stored or used at the facility. [District Rule 4684, 6.1.1.1 and 6.1.1.2 and 6.1.1.3], [Federally Enforceable Through Title V]
17. The monomer content of uncatalyzed resin materials is to be determined using ASTM D2369-87 (Standard Test Method for Volatile Content of Coatings) of SCAQMD Test Method 312. [District Rule 4684, 6.2.3], [Federally Enforceable Through Title V]
18. The VOC content of cleaning materials shall be determined using EPA Method 24 (40 CFR Part 60, Appendix A). [District Rule 4684, 6.2.4], [Federally Enforceable Through Title V]
19. Exhaust filters shall be inspected at least quarterly when the unit is not in operation for tears, scuffs, abrasions or holes which may interfere with the PM collection efficiency and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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20. Records of filter maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
21. Daily emissions shall be calculated in accordance with the April 7, 1999, document, "Technical Discussion of the Unified Emission Factors for Open Molding of Composites" by the Composites Fabricators Association. [District Rule 2520], [Federally Enforceable Through Title V]

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**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-3941-5-1

**EXPIRATION DATE:** 05/31/2004

**EQUIPMENT DESCRIPTION:**

HAND LAYUP FIBERGLASS RESIN OPERATION.

**PERMIT UNIT REQUIREMENTS**

1. The Volatile Organic Compound (VOC) content of all polyester resin materials and all cleaning materials shall not exceed the limits specified in Rule 4684.(Adopted May 19, 1994) [District Rule 4684], [Federally Enforceable Through Title V]
2. Closed containers shall be used to store all polyester resin materials, cleaning materials, or other VOC containing materials except when accessed for use. [District Rule 4684], [Federally Enforceable Through Title V]
3. Self-closing containers shall be used for the disposal of all uncured polyester resin materials, cleaning materials, or any unused VOC containing materials in such a manner as to effectively control VOC emissions. [District Rule 4684], [Federally Enforceable Through Title V]
4. Only HVLP, electrostatic, airless, or air assisted airless application equipment shall be used, and the application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rule 4684], [Federally Enforceable Through Title V]
5. The VOC emissions shall not exceed 100 pounds in any one day. [District NSR Rule], [Federally Enforceable Through Title V]
6. The combined VOC emissions from the equipment operating under permits N-3941-4 and N-3941-5 shall not exceed 54,750 pounds in any calendar year. [District NSR Rule], [Federally Enforceable Through Title V]
7. Records shall be kept in accordance with the requirements of Rule 4684.(Adopted May 19, 1994) [District Rule 4684], [Federally Enforceable Through Title V]
8. A daily record of the VOC emissions shall be maintained on the premises at all times. [District Rule 1070], [Federally Enforceable Through Title V]
9. A cumulative record of the annual VOC emissions from the equipment operating under permits N-3941-4 and N-3941-5 shall be updated daily and maintained on the premises at all times. [District Rule 1070], [Federally Enforceable Through Title V]
10. All records shall be retained for a minimum of 5 years, and shall be made available for District inspection upon request. [District Rule 1070], [Federally Enforceable Through Title V]
11. Low VOC resins, except for specialty resins and gel coats, contain no more than 35% monomer by weight. [District Rule 4684, 5.1.1.1], [Federally Enforceable Through Title V]
12. Daily records of the type and quantity of all resins, catalysts, and cleaning materials used in each operation shall be maintained. Records shall include the VOC content of all polyester resin materials (%weight) and cleaning materials (pounds/gallon) stored or used at the facility. [District Rule 4684, 6.1.1.1, 6.1.1.2 and 6.1.1.3], [Federally Enforceable Through Title V]
13. Solvents used for surface preparation in adhesive operations shall not contain more than 250 grams of per liter of material. [District Rule 4653, 5.2.1]
14. Cleaning materials containing more than 1.7 pounds of VOC per gallon shall not be used in polyester resin operations except: in enclosed equipment cleaner; or to clean molds, spray equipment or other dispensing equipment tools used in gel coat or specialty resin operations that come in direct contact with polyester resin products, provided that the usage of cleaning materials does not exceed 4 gallons per day. [District Rule 4684, 5.2], [Federally Enforceable Through Title V]
15. The particulate matter emissions from the process shall not exceed 0.1 gr/dscf [District Rule 4201], [Federally Enforceable Through Title V]
16. The monomer content of uncatalyzed resin materials is to be determined using ASTM D2369-87 (Standard Test Method for Volatile Content of Coatings) of SCAQMD Test Method 312. [District Rule 4684, 6.2.3], [Federally Enforceable Through Title V]
17. The VOC content of cleaning materials shall be determined using EPA Method 24 (40 CFR Part 60, Appendix A). [District Rule 4684, 6.2.4], [Federally Enforceable Through Title V]
18. Exhaust filters shall be inspected at least quarterly when the unit is not in operation for tears, scuffs, abrasions or holes which may interfere with the PM collection efficiency and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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19. Records of filter maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
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